



COLLEGE OF COMMUNICATION AND INFORMATION TECHNOLOGY

**DEVELOPMENT OF CONTEMPORARY SELF-ORDERING SYSTEM
APPLICATION FOR HALFWAY RESTOBAR**

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Approved by the Panel of the Oral Examiners on February 10, 2023 with a passing grade.

A Capstone Project

In partial Fulfillment of the Requirements

for the degree of Bachelor of Science in Information Technology

College of Communication and Information Technology

President Ramon Magsaysay State University

Iba, Zambales

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COLLEGE OF COMMUNICATION AND INFORMATION TECHNOLOGY



Republic of the Philippines
PRESIDENT RAMON MAGSAYSAY STATE UNIVERSITY
College of Communication and Information Technology
Iba, Zambales



APPROVAL SHEET

This, study entitled **“Development of Contemporary Self-Ordering System Application for Halfway Restobar”** prepared and submitted by **ANDRADA, MILLETE D., CAMISERA, RIZALYN V., FARIÑAS, CHRISTIAN PAUL M., LACERONA, LYKKA A.** in partial fulfillment of the requirements for the degree of **BACHELOR OF SCIENCE IN INFORMATION TECHNOLOGY** are hereby recommended for oral examination.

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10 JUL 2023

Date Signed

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EXECUTIVE SUMMARY

This study was made to develop the Development of Contemporary Self Ordering System Application for Halfway Restobar. It sought to identify the evaluation of Customer and Employee Respondents on the software quality using ISO 25010: 2011 in terms of: Functional Suitability, Performance Efficiency, Compatibility, Usability, Reliability, Security, Maintainability, and Portability. It also sought to identify the level of acceptability of the system to the respondents in terms of functionality and performance.

The study used the descriptive method of research while the development of the Development of Contemporary Self Ordering System Application for Halfway Restobar made use of the Waterfall Methodology. The data gathering procedures used were Questionnaires and Interviews. Statistical and Data Analysis tools used was Frequency and Percentage Distribution and Weighted Mean.

The respondents of the study were the employee and customers of Halfway Restobar, Barangay San Miguel, San Antonio Zambales.

The system was found "Excellent" in software quality in terms of Functional Suitability, Performance Efficiency, Compatibility, Usability, Reliability, Maintainability and Portability and Security as evaluated by Customers. The system was found "Excellent" in level of Acceptability in terms of Functionality and Performance as evaluated by the Customers.

The system was found "Excellent" in software quality in terms of Functional Suitability, Performance Efficiency, Compatibility, Usability, Reliability, Maintainability and Portability and Security as evaluated by Employee. The system was found "Excellent"



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in level of Acceptability in terms of Functionality and Performance as evaluated by the Employee.

The researchers then recommended that the study may be implemented at Halfway Restobar, Barangay San Miguel, San Antonio Zambales Creation materials to promote the system can boost user recognition and sales, Further enhance functionality though system completeness and development performance though developing user-friendliness of the system, that continuously study be undertaken so that it will be at pace with the constantly changing trends of Self Ordering System.